CLAIMS

What is claimed is:

1. An alarm clock remote control system, comprising:

alarm clock circuitry including:

a microprocessor, coupled to alarm clock activation circuitry, remote IR diode driving circuitry, an internal buzzer, an alarm, a display, and a plurality of input ports and output ports, for providing central control;

the display, coupled to the microprocessor, for displaying at least one of: a current time and an alarm time;

a speaker, coupled to the microprocessor, an AM/FM radio unit, the internal buzzer, and the alarm, for outputting selected audio;

an AM/FM radio tuner; and

clock setup circuitry, alarm setup and activation circuitry coupled to the microprocessor for setting the clock, setting the alarm, and activating at least one remote device; and

a programmable universal infrared remote device control, coupled to the alarm clock circuitry, for remote programming the at least one remote device, and having activation circuitry for activating the at least one remote device.

2. The alarm clock remote control system of claim 1 wherein the display is one of: a light emitting diode and an LCD display.

3. The alarm clock remote control system of claim 1 wherein the remote device is one of a plurality of remote devices controllable by the alarm clock remote control system.

4. The alarm clock remote control system of claim 3 wherein the plurality of remote devices includes at least one of: a television, a video cassette recorder, an electronic device tuner, a compact disk player, a video compact disk player, a digital video/versatile disk player, and a video cassette recorder.

5. The alarm clock remote control system of claim 1 wherein the selected audio is at least one of: a ringing alarm, a buzzer output, and output of the AM/FM radio unit.

6. A remote control system that includes an alarm clock system, comprising:

alarm clock circuitry including:

a microprocessor, coupled to alarm clock activation circuitry, remote IR diode driving circuitry, an internal buzzer, an alarm, a display, and a plurality of input ports and output ports, for providing central control;

the display, coupled to the microprocessor, for displaying at least one of: a current time and an alarm time;

a speaker, coupled to the microprocessor, an AM/FM radio unit, the internal buzzer, and the alarm, for outputting selected audio;

an AM/FM radio tuner; and

clock setup circuitry, alarm setup and activation circuitry coupled to the microprocessor for setting the clock, setting the alarm, and activating at least one remote device; and

a programmable universal infrared remote device control, coupled to the alarm clock circuitry, for remote programming the at least one remote device, and having activation circuitry for activating the at least one remote device.

7. The remote control system of claim 6 wherein the display is one of: a light emitting diode and an LCD display.

8. The remote control system of claim 6 wherein the remote device is one of a plurality of remote devices controllable by the remote control system.

9. The remote control system of claim 8 wherein the plurality of remote devices includes at least one of: a television, a video cassette recorder, an electronic device tuner, a compact disk player, a video compact disk player, a digital video/versatile disk player, and a video cassette recorder.

10. The remote control system of claim 6 wherein the selected audio is at least one of: a ringing alarm, a buzzer output, and output of the AM/FM radio unit.

11. A remote control alarm system, comprising:

a microprocessor/microcontroller, coupled to alarm activation circuitry, a remote controller alarm triggering unit, an alarm, a display, and a plurality of input ports and output ports, for providing central control;

the display, coupled to the microprocessor/microcontroller, for displaying at least one of: a current time and an alarm time;

a speaker, coupled to the microprocessor/microcontroller, for outputting selected audio; and

the microprocessor/microcontroller, and alarm setup and activation circuitry coupled to the remote controller alarm triggering unit for setting the alarm, and activating at least one remote device of a plurality of remote devices,

wherein, the microprocessor/microcontroller signals the remote controller alarm triggering unit to trigger activation of one of the plurality of remote devices.

12. The remote control alarm system of claim 11 wherein the display is one of: a light emitting diode and an LCD display.

13. The remote control alarm system of claim 11 wherein the plurality of remote devices includes at least one of: a television, a video cassette recorder, an electronic device tuner, a compact disk player, a video compact disk player, a digital video/versatile disk player, and a video cassette recorder.

14. The alarm clock remote control system of claim 1, wherein the programmable universal infrared remote device control further comprises an input device having a plurality of input elements, and wherein the alarm clock remote control system is programmed to control the at least one remote devices by a user depressing at least one of the plurality of input elements.

15. The remote control system of claim 6, wherein the programmable universal infrared remote device control further comprises an input device having a plurality of input elements, and wherein the alarm clock remote control system is programmed to control the at least one remote devices by a user depressing at least one of the plurality of input elements.

16. A remote control alarm system of claim 11, wherein the microprocessor/microcontroller is further coupled to an input device having a plurality of input elements, and wherein the remote control alarm system is programmed to control the at least one remote device by a user depressing at least one of the plurality of input elements.